



Click on images to enlarge.

U.S. Army Influenza Activity Report

Week Ending 13 February 2016 (Week 06)

2015-2016 Seasonal Influenza Vaccination Coverage

As of 18 February 2016

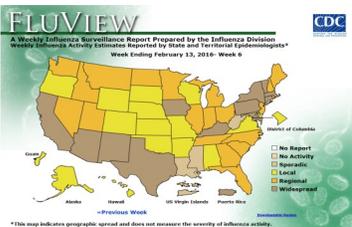
95%	DOD
97%	Army Active Duty
93%	Army Guard
83%	Army Reserve

*Source: DHA

SYNOPSIS: All regions, except for RHC-E and CENTCOM, reported significant increases in influenza A activity during week 6. This trend was also seen in the civilian population.

- **ILI Activity:** Army incident ILI outpatient visits in week 6 were 13% lower than the same week last year.
- **Influenza cases:** Two hospitalized influenza cases were reported to APHC (Prov) through DRSi in week 6, both vaccinated AD Service Members. One of the cases had an underlying condition.
- **Viral specimens:** During week 6, 264 of 990 (27%) laboratory specimens tested positive for respiratory pathogens. RHC-C reported 70 influenza A-positive specimens, RHC-P reported 38, and RHC-A reported 27. CENTCOM did not report any positive influenza-A specimens, and RHC-E did not report.

Geographic Spread

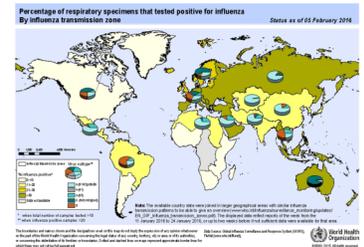


United States

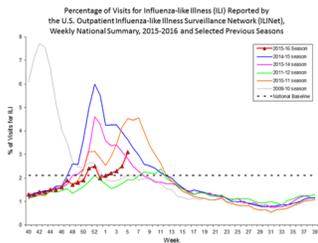
- In week 6, widespread and regional influenza activity was reported in Puerto Rico and thirty-two states. The District of Columbia, Guam and fifteen states reported local influenza activity, while the US Virgin Islands and three states reported sporadic.

World Health Organization

- Northern and eastern Europe report sharp increases in ILI and increasing cases of influenza A H1N1.

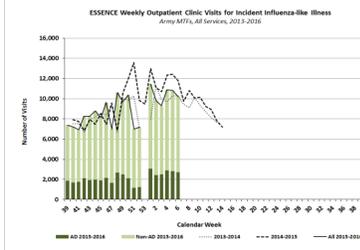


ILI Activity United States



- Nationwide during week 6, 3.1% of outpatient visits reported in ILINet were due to ILI, which is slightly above the national baseline of 2.1%.
- The percentage of ILI outpatient visits ranged from 1.4% to 5.1% across the regions reporting.

ILI Activity Army



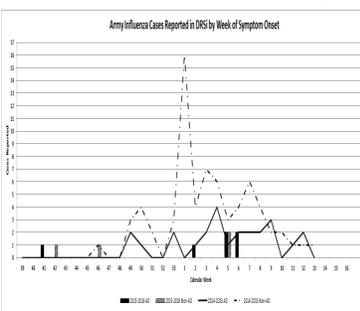
- During week 6, incident ILI activity was 13% lower than the same time last year and less than 1% lower than week 6 in 2013-2014.
- AD SMs accounted for 27% of incident ILI clinic visits during week 6; in 2014-2015, AD SMs comprised 25% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Test Result	Week 3	Week 4	Week 5	Week 6	Season Total
Influenza A	19	43	61	135	367
Influenza B	19	15	31	36	150
Adenovirus	3	11	14	8	177
Enterovirus	2	0	0	0	19
Parainfluenza	5	2	8	2	197
RSV	84	81	89	83	1234
Negative	547	711	841	726	11592
Total Results	679	863	1044	990	13736

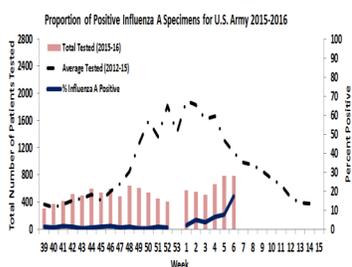
- In week 6, 27% (264) of specimens tested positive.
- Influenza A accounted for 51% of positive specimens.
- Influenza B accounted for 14% of positive specimens.
- RSV accounted for 31% of positive specimens.
- Adenovirus accounted for 3%, and parainfluenza for 1%.

DRSi Influenza Case Reporting

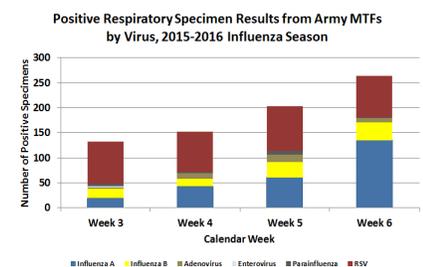


- In week 6, two cases of influenza-associated hospitalization were reported in DRSi. Both were vaccinated AD Service Members and one had an underlying medical condition.
- A total of 10 hospitalized cases have been reported to date this season, compared to 62 last season.

Laboratory Testing for Influenza A



- In week 6, 135 of 784 (17.2%) specimens tested positive for influenza A. This was a significant increase from week 5 (7.8%). 105 (78%) of the positive influenza A specimens were in non-active duty personnel.
- RHC-C reported 70 (52%) of the total influenza A-positive specimens. RHC-P reported 38 (28%) positive specimens, and RHC-A reported 27 (20%). CENTCOM did not report any positive influenza -A specimens and RHC-E did not report.



Additional Resources: [Army Influenza Reports](#); [ARD Reports](#); [AFHSC Influenza Reports](#); [NHRC FRI Reports](#); [DoD Global Influenza Surveillance Program](#); [DoD Pandemic Influenza Watchboard](#); [CDC](#); [WHO](#)
Key: ILI-Influenza-Like Illness; DRSi- Disease Reporting System Internet; NHRC- Naval Health Research Center; ADV- Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

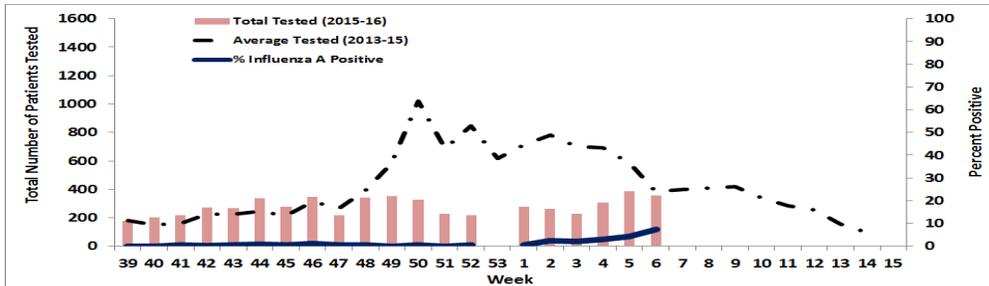
Questions?
Email APHC-DEP
 410-417-3774



U.S. Army Influenza Activity Report

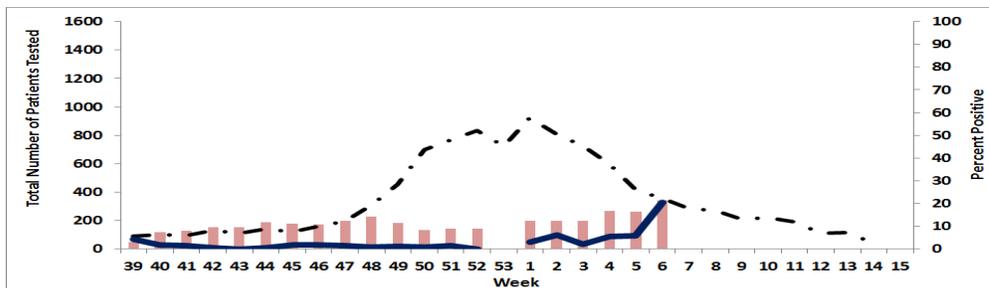
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2013-2015

Regional Health Command - Atlantic (RHC-A)



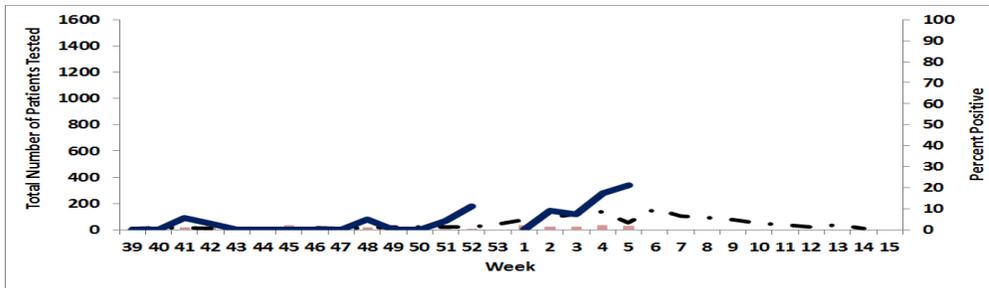
Week 6			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	14	43
18-29	1	1	9
30-39	1	0	6
40-49	4	3	14
50-59	0	1	8
60+	0	2	5
Total	6	21	85

Regional Health Command - Central (RHC-C)



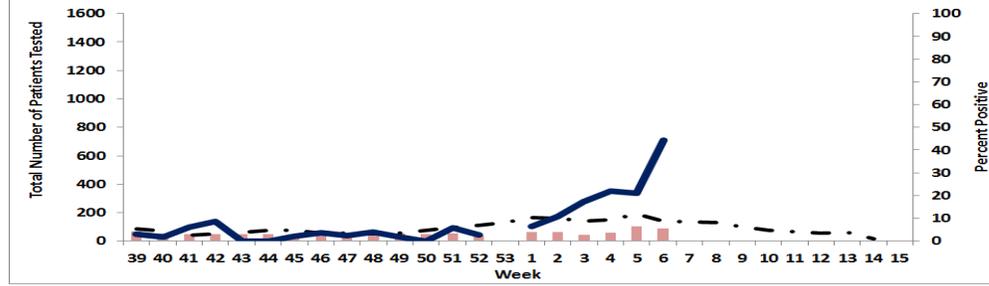
Week 6			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	38	69
18-29	3	3	27
30-39	10	2	25
40-49	4	4	14
50-59	0	4	8
60+	0	2	3
Total	17	53	146

Regional Health Command - Europe (RHC-E)



Week 6			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	10
18-29	0	0	2
30-39	0	0	5
40-49	0	0	4
50-59	0	0	0
60+	0	0	0
Total	0	0	21

Regional Health Command - Pacific (RHC-P)



Week 6			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	24	59
18-29	4	1	19
30-39	3	2	13
40-49	0	1	9
50-59	0	1	8
60+	0	2	5
Total	7	31	113

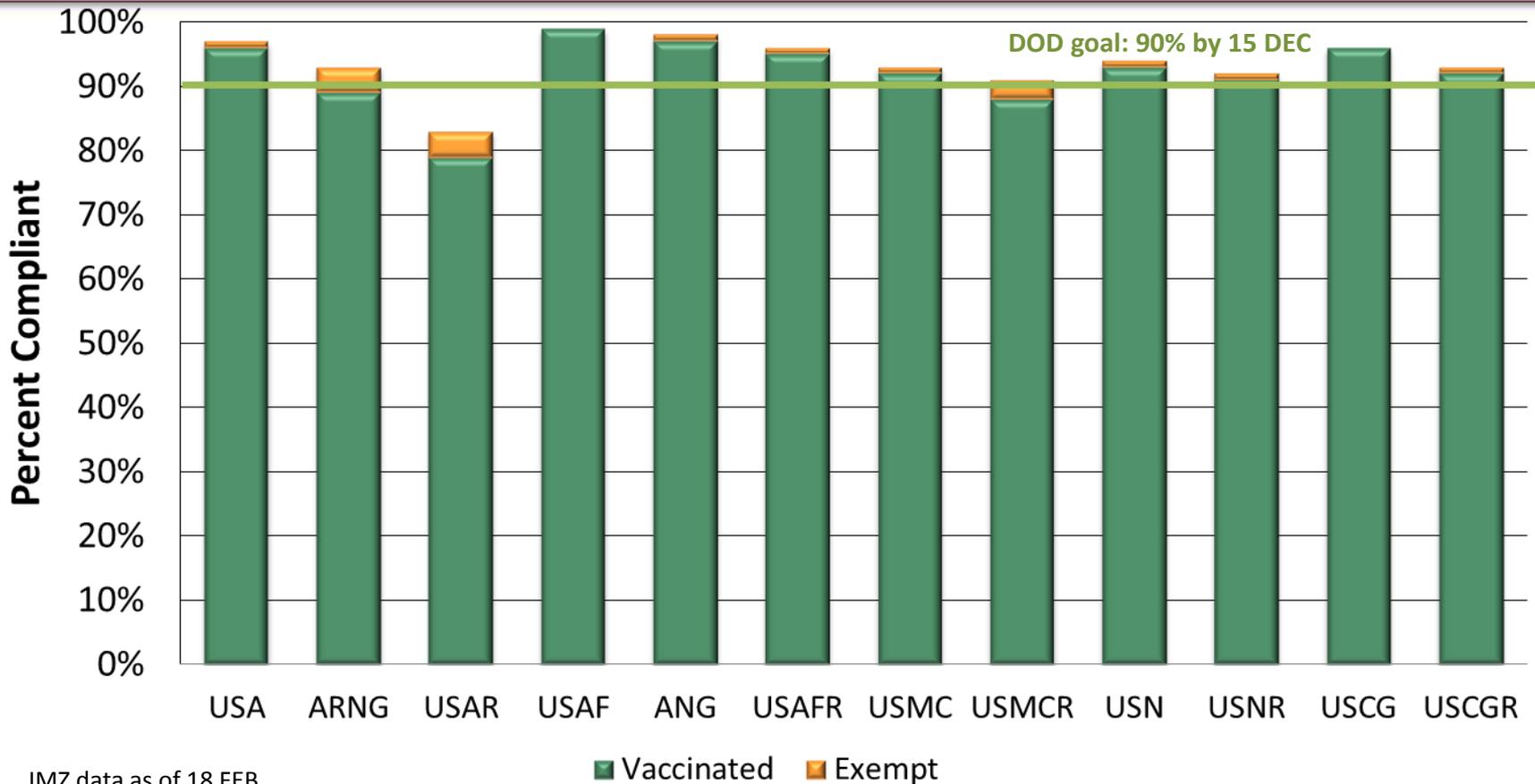
Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 51		Week 52		Week 1		Week 2		Week 3		Week 4		Week 5		Week 6	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	0	0	1	0	0	2	3	3	2	3	1	8	5	12	6	21
RHC-C	1	1	0	0	2	4	6	6	2	2	5	10	4	11	17	53
RHC-E	0	1	0	1	0	0	1	1	2	0	2	4	1	5	0	0
RHC-P	1	2	0	1	1	3	1	6	0	8	3	10	5	17	7	31
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

Locations providing week 6 laboratory data as of 18 February 2016: Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Redstone Arsenal, West Point, and Walter Reed.

INFLUENZA IMMUNIZATION STATUS

Percent Compliant: Service Components



IMZ data as of 18 FEB

No exemptions noted reflect less than 1% of force exempted

Data Sources: Army - MEDPROS, Air Force - ASIMS, Navy, Marine Corps & Coast Guard - MRRS

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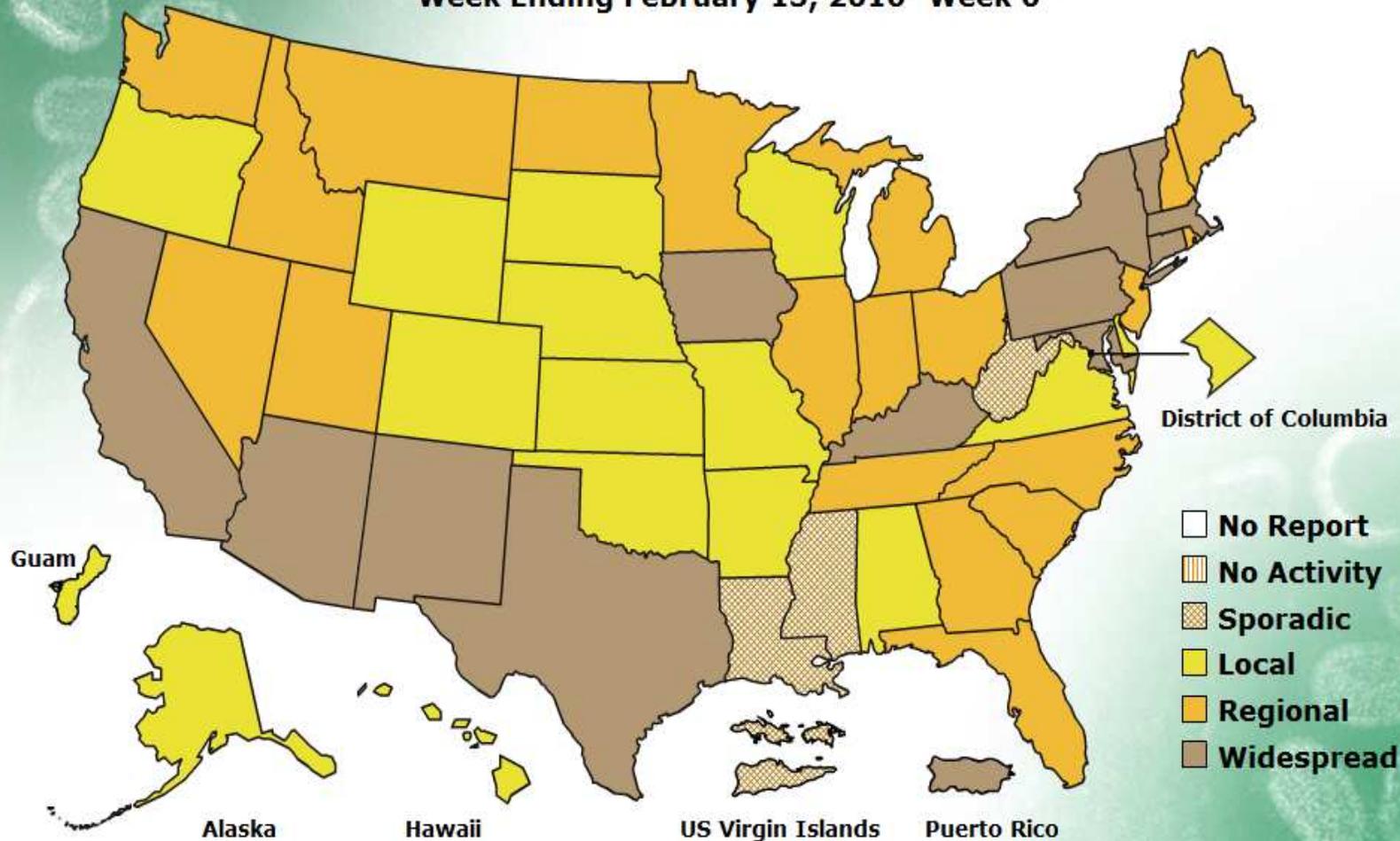
“Medically Ready Force...Ready Medical Force”

FLUVIEW



A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

Week Ending February 13, 2016- Week 6



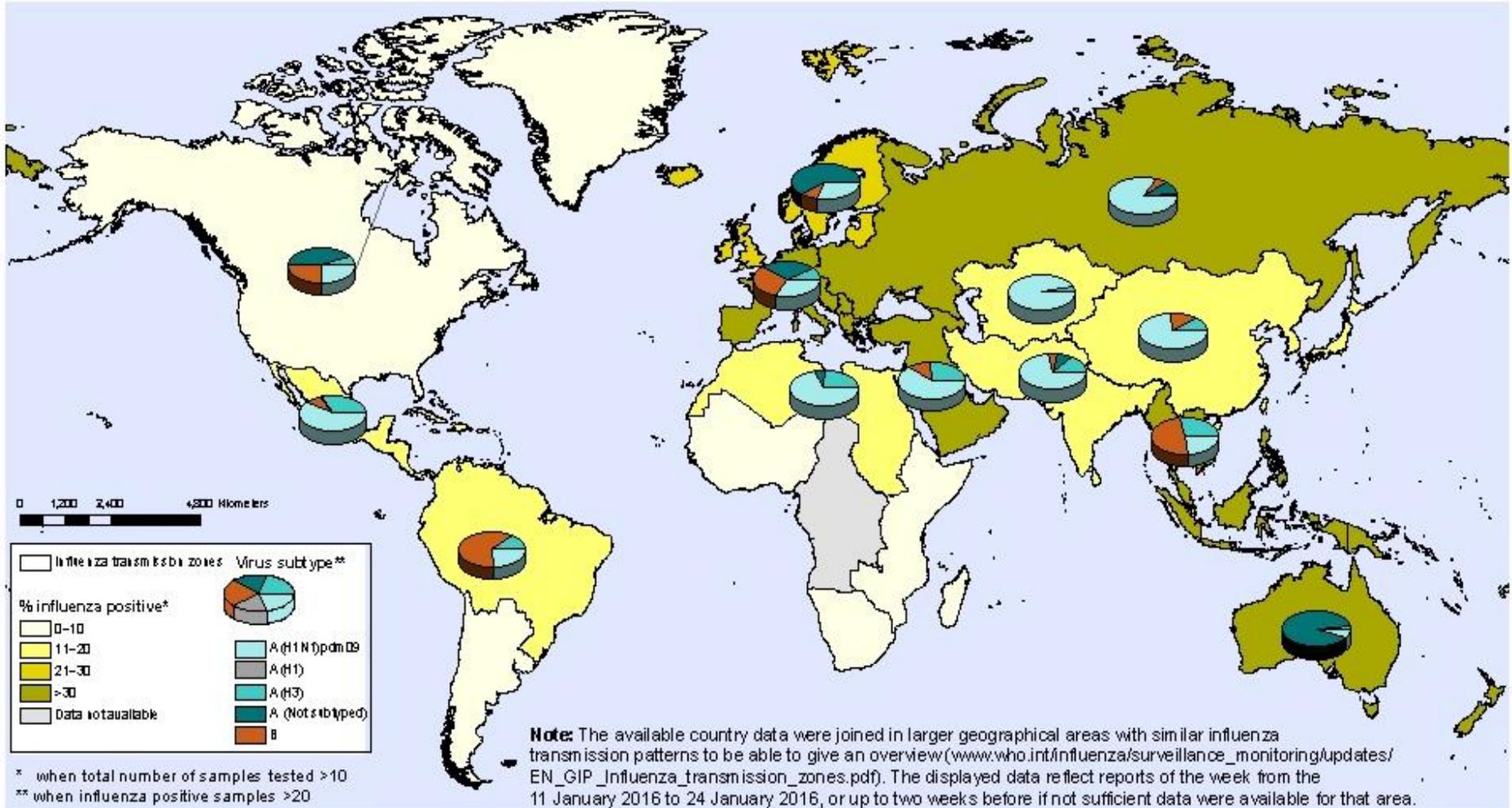
[«Previous Week](#)

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*This map indicates geographic spread and does not measure the severity of influenza activity.

Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of 05 February 2016



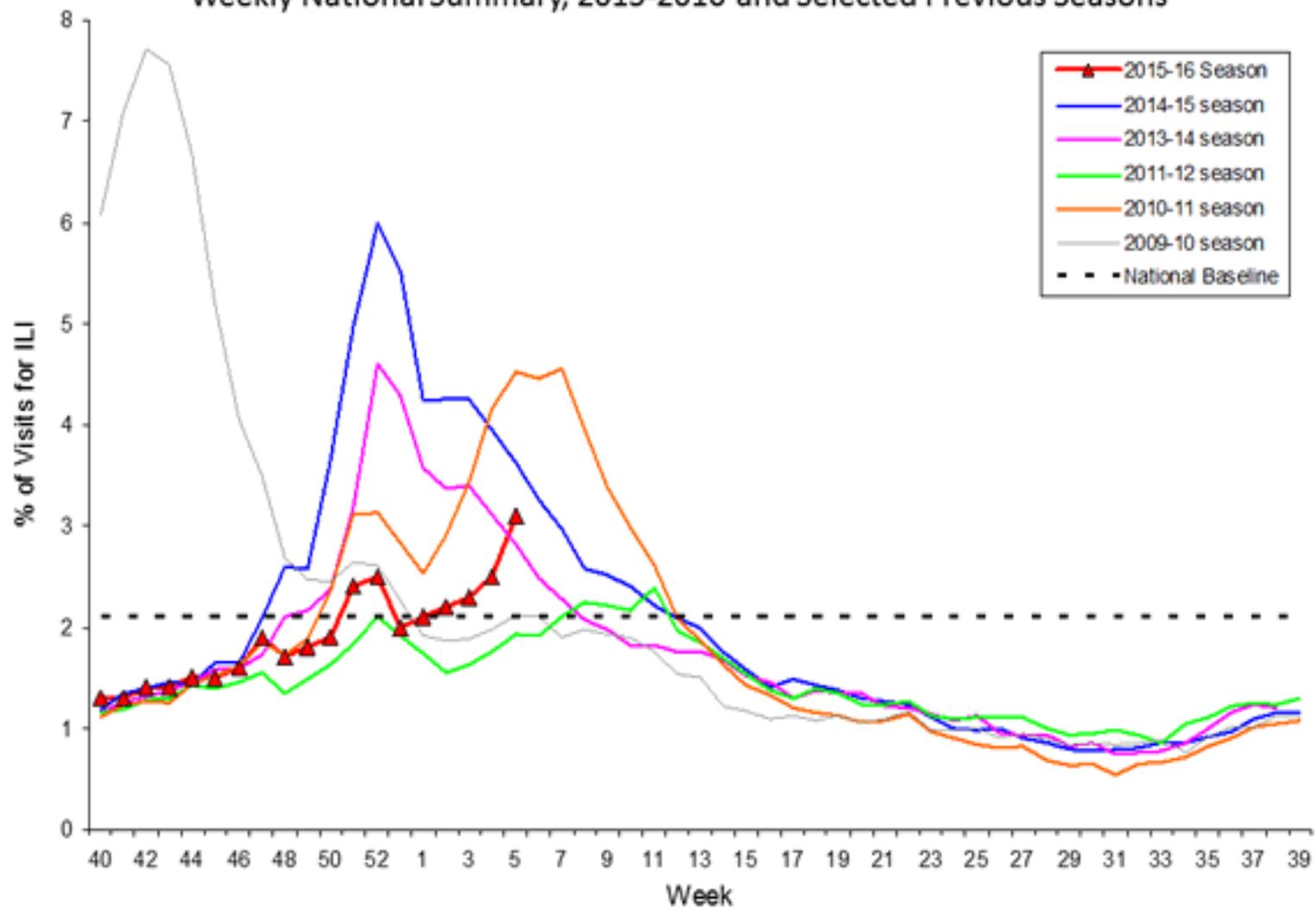
The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: Global Influenza Surveillance and Response System (GISRS), FluNet (www.who.int/flu-net).

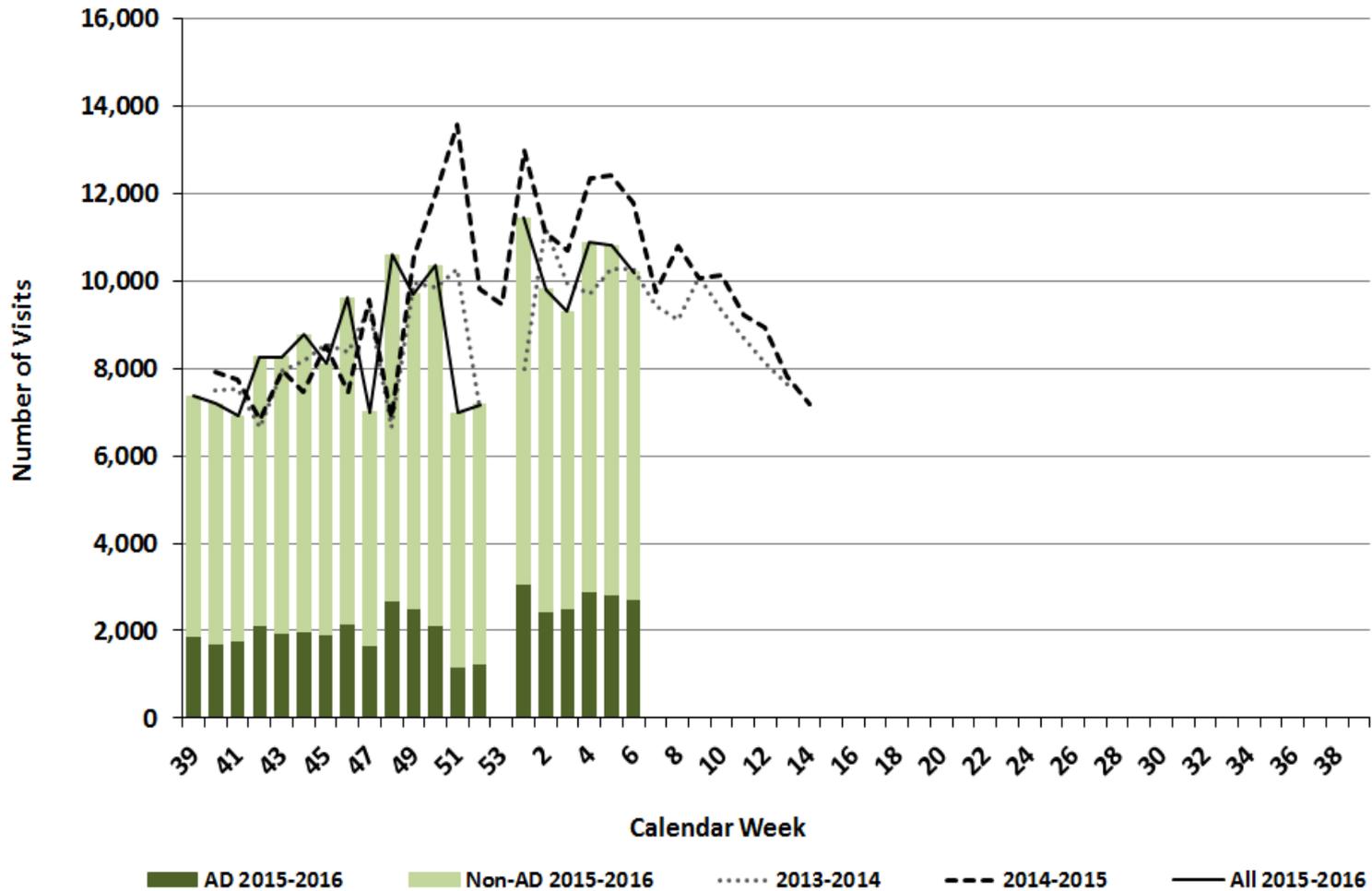


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Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2015-2016 and Selected Previous Seasons



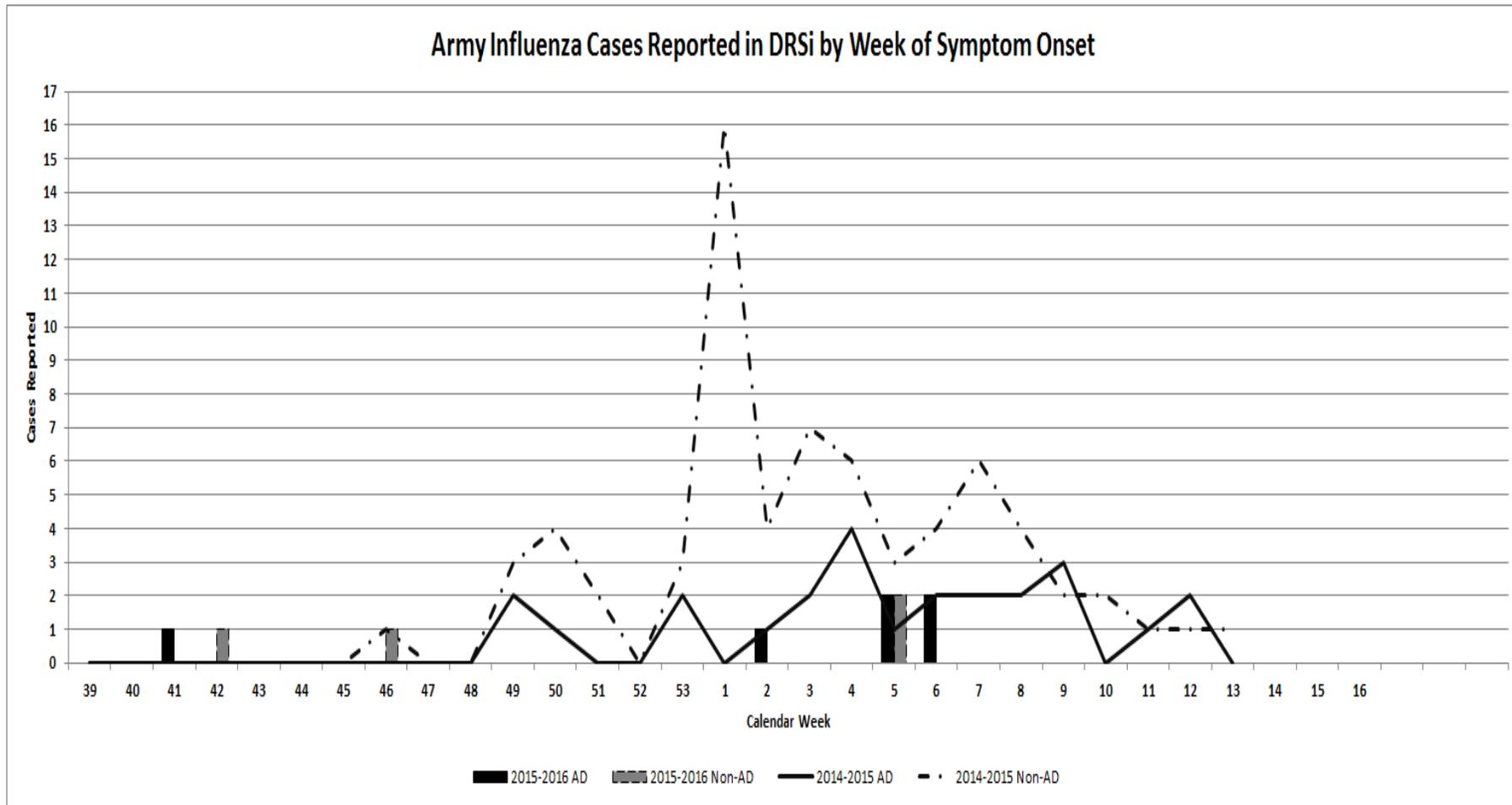
ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness
Army MTFs, All Services, 2013-2016



Clinic visits for ILI are obtained from ESSENCE. Data as of 18 February 2016.

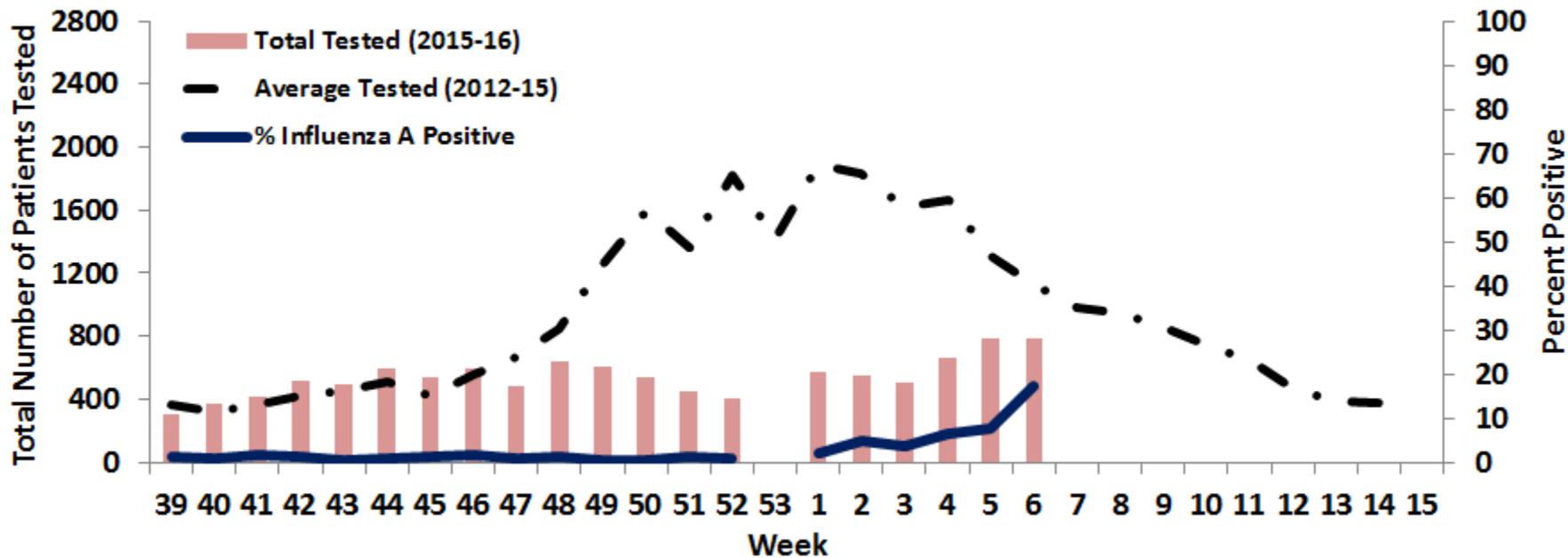
Army MTF Laboratory Results, 2015-16

Test Result	Week 3	Week 4	Week 5	Week 6	Season Total
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<i>Negative</i>	<i>547</i>	<i>711</i>	<i>841</i>	<i>726</i>	11592
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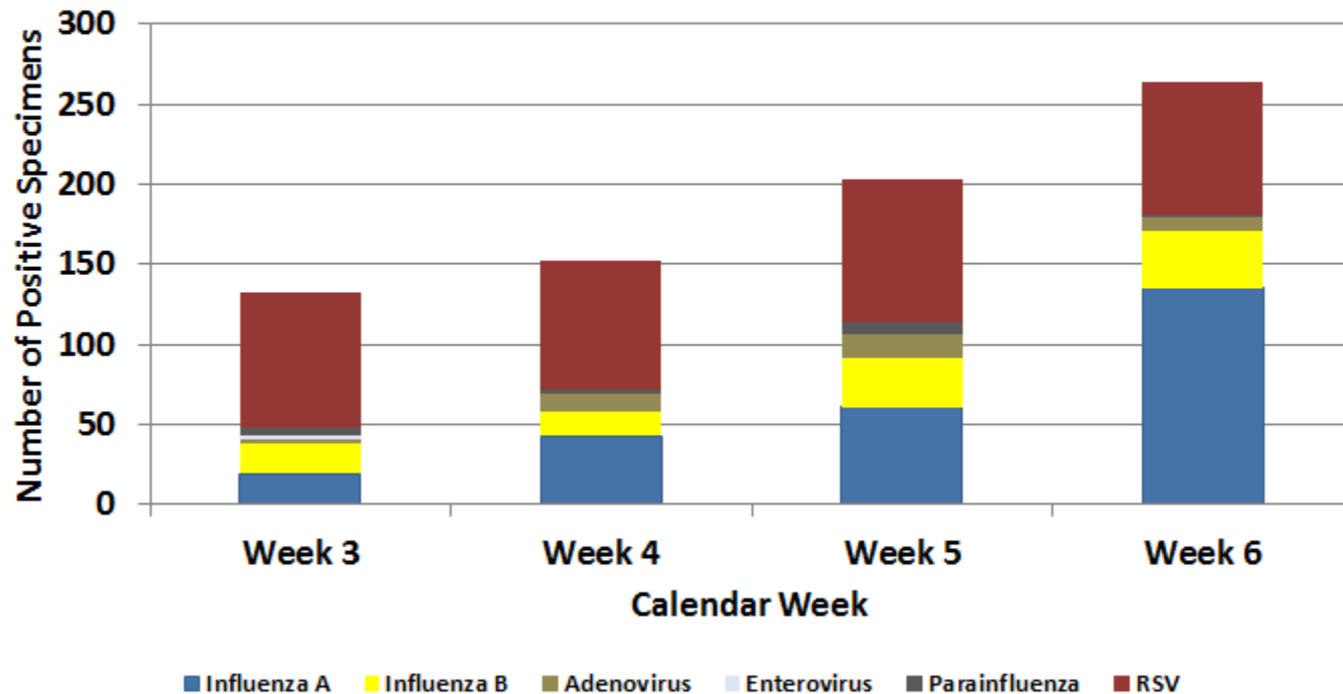


Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information
 Data as of 18 February 2016.

Proportion of Positive Influenza A Specimens for U.S. Army 2015-2016



Positive Respiratory Specimen Results from Army MTFs by Virus, 2015-2016 Influenza Season



Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 51		Week 52		Week 1		Week 2		Week 3		Week 4		Week 5		Week 6	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	0	0	1	0	0	2	3	3	2	3	1	8	5	12	6	21
RHC-C	1	1	0	0	2	4	6	6	2	2	5	10	4	11	17	53
RHC-E	0	1	0	1	0	0	1	1	2	0	2	4	1	5	0	0
RHC-P	1	2	0	1	1	3	1	6	0	8	3	10	5	17	7	31
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0